

**ABSTRACT OF THE DISCLOSURE**

Provided is a chicken infectious anemia virus (CIAV) vaccine, comprising live CIAV passaged in MDCC-MSB-1 (MSB-1) cells, wherein the vaccine does not cause Marek's Disease. Also provided is a CIAV vaccine comprising a CIA virus having the sequence of SEQ ID NO: 1. A method of making a CIAV vaccine is provided, comprising culturing CIAV in MSB-1 cells, and removing or killing any Marek's disease virus present in the CIAV-containing MSB-1 culture. Provided a method of immunizing a chicken against CIAV infection, comprising administering to the chicken an amount of the CIAV vaccine of the invention sufficient to induce an immune response to CIAV.